Suffolk County Department of Public Works - Division of Sanitation
Industrial Waste Pretreatment Program

SEWER DISCHARGE CONCENTRATION LIMITS

(List as referred to by Suffolk County Code Chapter 424 – "Sewers" - Article V Section 424-25)

Maximum Concentration Limits (mg/l) [8]

Parameter	Daily Avg. [1]	Monthly Avg. [2]
Acetone	50.0	50.0
Arsenic	0.4	0.2
Available Chlorine	100.0	50.0
Barium	8.0	4.0
Cadmium	0.8	0.4
Chromium, Hexavalent	0.4	0.2
Chromium, Total	8.0	4.0
Copper	1.6	0.8
Cyanide, Total [3]	3.2	1.6
Cyanide, Amenable [3]	0.8	0.4
Fluorides [4] :		
to Fresh Waters	8.0	4.0
to Saline Waters	72.0	36.0
Gold	0.4	0.2
Lead	0.4	0.2
Manganese	8.0	4.0
Mercury	0.4	0.2
Nickel	8.0	4.0
Phenol	1.5	1.5
Selenium	0.4	0.2
Silver	0.4 (4.0) (Photographic wastes only)	0.2 (3.0) (Photographic wastes only)
Sulfide	12.0	6.0
Zinc	5.0	2.5
Petroleum Hydrocarbons	50.0	50.0
Total Toxic Organics (TTO) [5]	10.0	10.0
Individual Toxic Organic Compounds [6]		

Flashpoint must be greater than 140°F

pH - 5.5 Minimum to 12.0 Maximum

	Concentration Levels (mg/l) Daily	Monthly
BOD_5 [7]	300	300
Chlorine Demand [7]	25	25
Suspended Solids [7]	300	300

Revised 8/2009

Note (1): Daily Average Maximum concentration value shall be determined by analysis of one (1) or more grab samples or a time or flow proportional composite sample obtained within a 24 hour period divided by the number of sample values obtained over that 24 hour period.

Note (2): Monthly Average Maximum concentration value shall be calculated as the sum of daily average maximum concentration values recorded over a calendar month, divided by the number of daily average maximum sample values obtained over that calendar month.

Note (3): In accordance with Standard Methods for the Examination of Water and Wastewater latest edition - Method 412B (Total) and 412F (Amenable).

Note (4): These values may be multiplied by a factor of 1.5, if the municipal water supply is not fluoridated.

Note (5): Total Toxic Organics is defined below.

Note (6): Individual Toxic Organic Compounds are specified on page 3.

Note (7): Compatible wastes in excess of these concentration levels may be acceptable and will be subject to excess strength surcharge billing in all sewer districts, with the exception of Sewer District 7P -"Twelve Pines" wherein a maximum sewer discharge limit of 250 mg/L applies to BOD_5.

Note (8): Whenever State or Federal discharge limits are more stringent than County discharge limits, the appropriate State or Federal limit shall prevail.

DEFINITIONS:

TOTAL TOXIC ORGANICS (TTO)

1) The term "TTO" shall mean total toxic organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter for the toxic organics listed on pages 3 and 4.

2) Monitoring:

   A) In lieu of monitoring for total toxic organics (TTO), the Administrator may allow industrial users to make the following certification as a comment on any periodic reports required: "Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for TTO I certify that to the best of my knowledge and belief no discharge of toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Administrator".

   B) Industrial users may be required to submit a solvent management plan that specifies to the Administrator's satisfaction the toxic organic compounds used, the method of disposal used, and the procedures for assuring that toxic organics do not routinely spill or leak into the wastewater discharged to the County sewage works.

Individual compounds in each group shall be limited as follows:

Volatile Organic Compounds:	2.5 mg/L
Base Neutral Extractable Compounds:	1.5 mg/L
Acid Extractable Compounds:	1.5 mg/L
Pesticides and PCB's:	1.0 mg/L

VOLATILE ORGANIC COMPOUNDS (28)

acrolein
acrylonitrile
benzene
carbon tetrachloride
chlorobenzene
1.1 dichloroethane
1.2 dichloroethane
1.1.1 trichloroethane
1.1.2 trichloroethane
1.1.2.2 tetrachloroethane
chloroethane
2-chloroethylvinyl ether
chloroform
1.1 dichloroethylene
1.2 trans-dichloroethylene
1.2 dichloropropane
1.3 dichloropropane
ethylbenzene
methylene chloride
methyl chloride
methyl bromide
bromoform
dichlorobromomethane
chlorodibromomethane
tetrachloroethylene
toluene
trichloroethylene
vinyl chloride

ACID EXTRACTABLE ORGANIC COMPOUNDS (11)

2.4.6 trichlorophenol
parachloromieta cresol
2-chlorophenol
nitrophenol
pentraclorophenol
2.4 dimethyphenol
4-nitrophenol
2.4 dinitrophenol
4.6 dinitro-o-cresol
2.4 dichlorophenol
phenol

BASE-NEUTRAL EXTRACTABLE ORGANIC COMPOUNDS (46)

acenaphthene
benzidine
1.2.3 trichlorbenzene
hexachlorobenzene
hexachloroethane
bis (2-chloroethyl) ether
2-chloronaphthalene
1.2 dichlorobenzene
1.3 dichlorobenzene
1.4 dichlorobenzene
3.3 dichlorobenzidine
2.4 dinitrotoluene
2.6 dinitrotoluene
1.2 diphenythydrazine
fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
bis (2-chloroisopropyl) ether
bis (2-chloroethoxy) methane
hexachlorobutadiene
hexachlorocyclopentadiene
isphoroen
naphthalene
nitrobenzene
n-nitrosodimethylamine
n-nitrosodiphenyamine
n-nitrosodi-n-propylamine
butyl benzyl phthalate
di-n-butyl phthalate
di-n-octyl phthalate
diethyl phthalate
dimethyl phthalate
benzo (a) anthracene
benzo (a) pyrene
3.4 benzofluoranthene
benzo (k) fluoranthene
chrysene
acenaphthylene
anthracene
benzo (ghi) perylene
fluorene
phenanthrene
dibenzo (a, h) anthracene
indeno (1.2.3-cd) pyrene
pyrene
bis (2-ethylhexyl) phthalate

PESTICIDES AND PCB'S (26)

aldrin
dieldrin
chlordane
4.4 - DDT
4.4 - DDE
4.4 - DDD
a-endosulfan
b-endosulfan
endosulfan sulfate
endrin
endrin aldehyde
heptachlor
heptachlor epoxide

a-bhc
B-bhc
q-BHC
w-BHC
PCB-1242
PCB-1254
PCB-1221
PCB-1232
PCB-1248
PCB-1260
PCB-1016
toxaphene
2.3.7.8 - (TCDD)